

REMARKS

In the office action mailed June 16, 2005, claims 46-48, 50-52 and 54-56 were rejected and claims 4-26, 28-45, and 58-60 were allowed. This amendment cancels without prejudice claims 46-57 and leaves only allowed claims in the application. Applicants reserve the right to file a continuation or other application claiming the subject matter of the cancelled claims.

Claims 46-57 are cancelled only for economic reasons. Applicant has lost his economic support and cannot contest the current rejection.

Applicant believes the rejection of the cancelled claims was erroneous because the rejection relies upon an erroneous finding that the multiplexers in Figs. 13a and 13b (319, 329 ... 379) of the Huang reference are the same as the claimed control switches. That is wrong. The multiplexers in Huang connect the output of the multipliers (314, 324 ... 374) to accumulators (318, 329 ... 388) and those accumulator outputs are either outputted or connected back to the inputs of the accumulators. In contrast, the claimed control switches connect the outputs of multipliers to either adders or to accumulators. Huang has no corresponding control switch that connects the output of the multipliers to adders or to accumulators.

Huang, to be sure, shows multipliers, adders and accumulators as elements. But in each instance the arrangement is nearly identical: multipliers feed into adders and the outputs of adders (as expected) go to accumulators. The reference does not show an instance of where the output of the multiplier goes to an accumulator before going to an adder. As such, the reference fails to show or suggest the disjunctive connection of a multiplier array to either an array of accumulators or to an array of adders because its multipliers are always connected to adders and not to accumulators.

As such, Applicant reserves his rights to seek broader protection in a continuation application or in the interpretation of the claims of this application.

Respectfully submitted,

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Date

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